

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011017\
 Data File : BM008759.D
 Acq On : 10 Jan 2017 03:27
 Operator : UM/SJ
 Sample : I1061-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA974MS

Quant Time: Jan 10 05:43:42 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 10 05:39:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	89090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	375947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	291757	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	983684	20.00	ng/ul	0.09
75) Chrysene-d12	21.49	240	831296	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	783691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	4197	2.18	ng/uL	0.00
5) Phenol-d5	7.10	99	87504	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	156319	31.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	138156	27.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	116203	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	70500	30.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	85592	33.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	174544	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	12974	2.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	651916	33.87	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	735229	32.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	36542	11.61	ng/ul	0.00
57) Fluorene-d10	15.57	176	586927	33.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	116149	22.91	ng/ul	0.00
70) Anthracene-d10	17.42	188	983684	23.21	ng/ul	0.00
76) Pyrene-d10	19.71	212	1196902	32.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1117881	34.97	ng/ul	0.00

Target Compounds

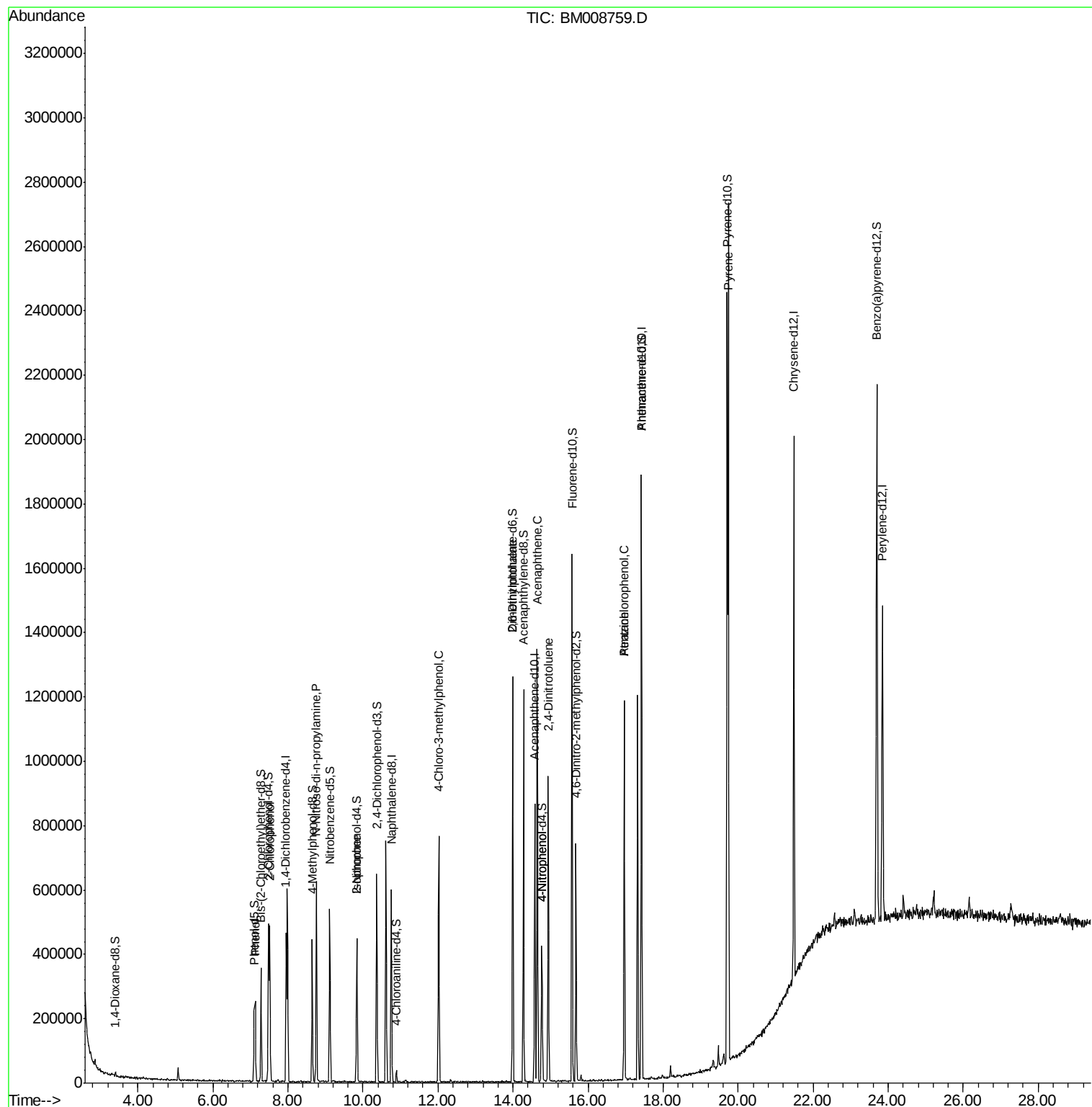
						Qvalue
6) Phenol	7.13	94	91152	11.59	ng/ul#	67
10) 2-Chlorophenol	7.52	128	136845	26.21	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.76	70	193497	34.17	ng/ul#	75
21) Isophorone	9.83	82	17841	1.22	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.02	107	212324	30.74	ng/ul#	85
45) 2,6-Dinitrotoluene	13.99	165	4327	1.29	ng/ul#	10
49) Acenaphthene	14.64	153	484281	31.45	ng/ul	97
52) 4-Nitrophenol	14.77	109	65780	12.56	ng/ul#	68
54) 2,4-Dinitrotoluene	14.94	165	181056	35.59	ng/ul#	94
67) Atrazine	16.96	200	36029	3.28	ng/ul#	34
68) Pentachlorophenol	16.96	266	164614	22.94	ng/ul	96
77) Pyrene	19.74	202	1502851	33.61	ng/ul#	93

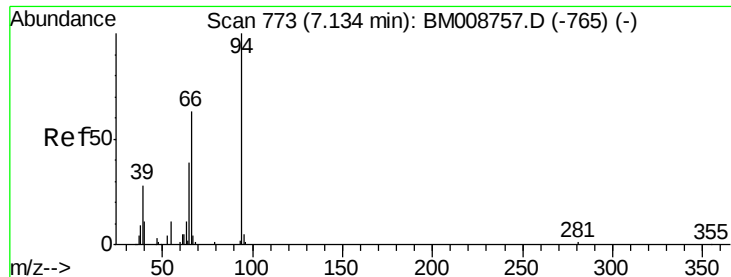
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 11.59 ng/ul

RT: 7.13 min Scan# 772

Delta R.T. -0.01 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Instrument :

BNA_M

ClientSampleId :

DA974MS

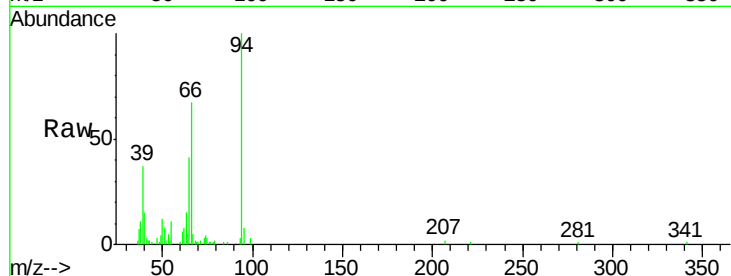
Tgt Ion: 94 Resp: 91152

Ion Ratio Lower Upper

94 100

65 40.6 23.1 34.7#

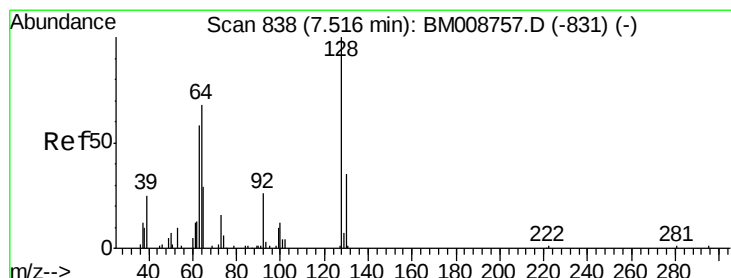
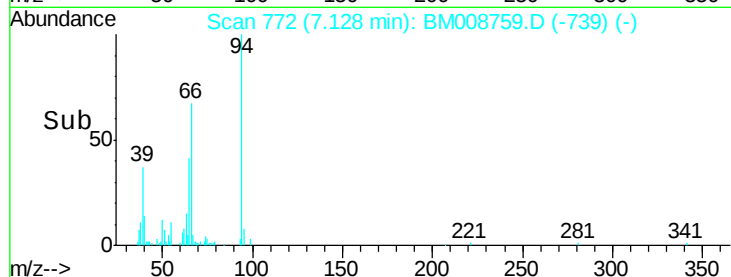
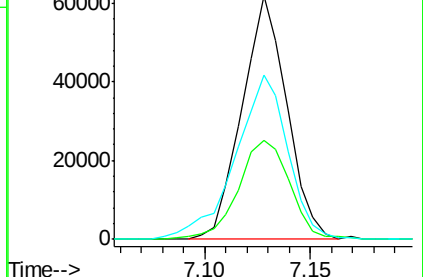
66 67.5 33.7 50.5#



Abundance Ion 94.00 (93.70 to 94.70): BM008757.D (-765) (-)

Ion 65.00 (64.70 to 65.70): BM008757.D (-765) (-)

Ion 66.00 (65.70 to 66.70): BM008757.D (-765) (-)



#10

2-Chlorophenol

Concen: 26.21 ng/ul

RT: 7.52 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

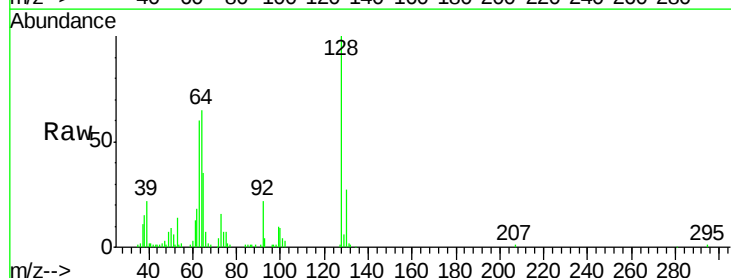
Tgt Ion: 128 Resp: 136845

Ion Ratio Lower Upper

128 100

64 65.4 38.7 58.1#

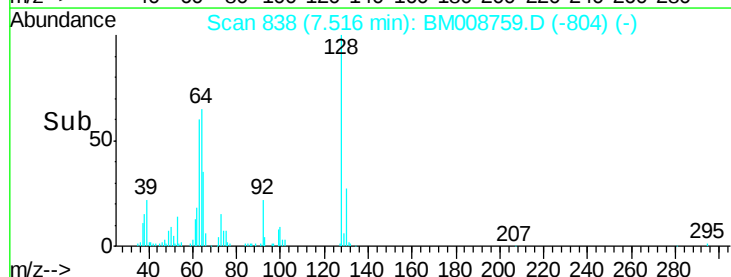
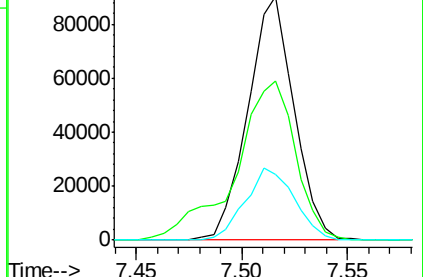
130 26.9 26.9 40.3

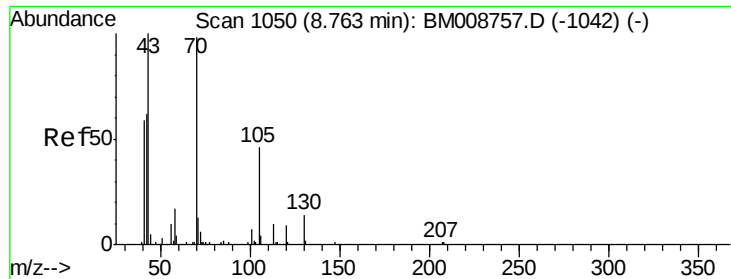


Abundance Ion 128.00 (127.70 to 128.70): BM008757.D (-831) (-)

Ion 64.00 (63.70 to 64.70): BM008757.D (-831) (-)

Ion 130.00 (129.70 to 130.70): BM008757.D (-831) (-)

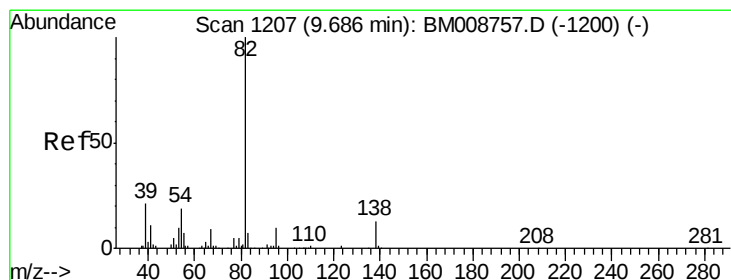
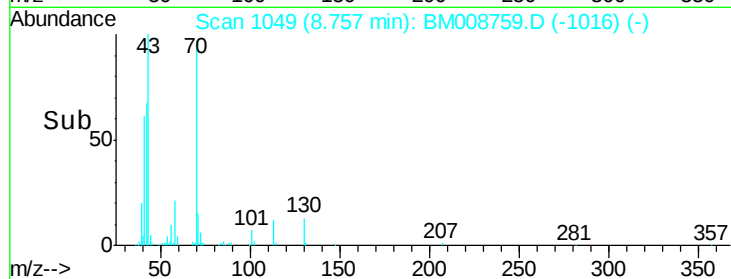
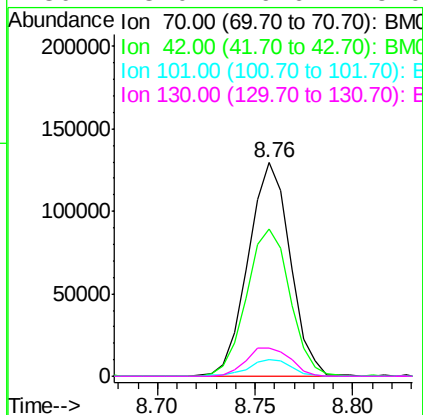
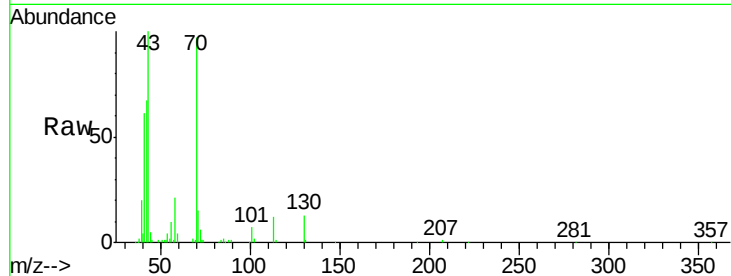




#15
N-Nitroso-di-n-propylamine
Concen: 34.17 ng/ul
RT: 8.76 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM008759.D
Acq: 10 Jan 2017 03:27

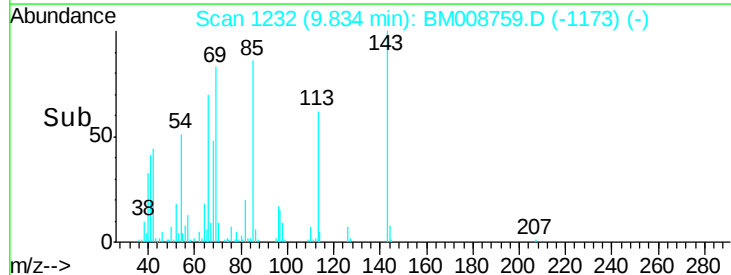
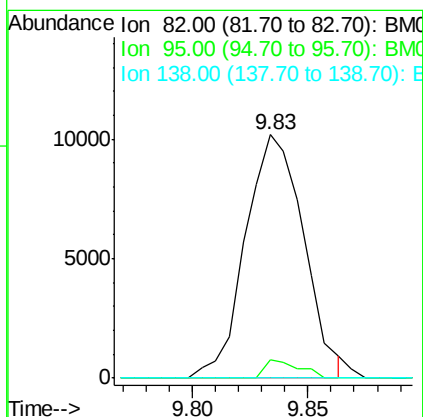
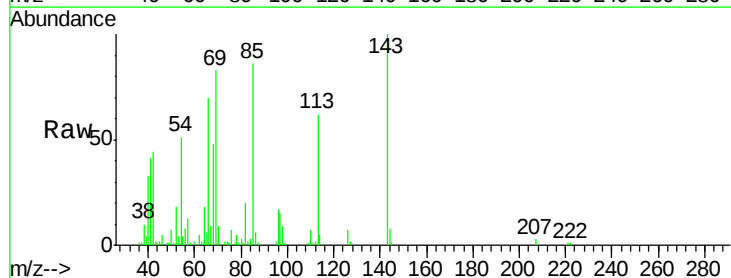
Instrument :
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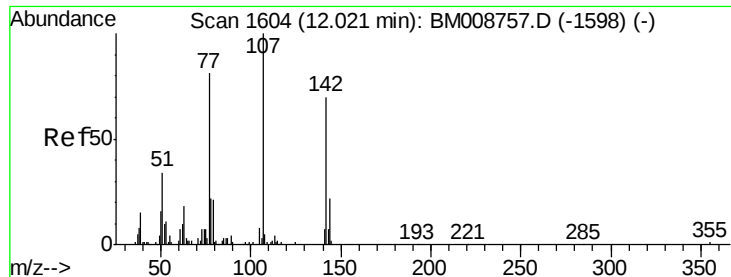
Tgt Ion:	70	Resp:	193497
Ion	Ratio	Lower	Upper
70	100		
42	69.1	37.5	56.3#
101	7.7	7.8	11.8#
130	13.0	16.6	25.0#



#21
Isophorone
Concen: 1.22 ng/ul
RT: 9.83 min Scan# 1232
Delta R.T. 0.15 min
Lab File: BM008759.D
Acq: 10 Jan 2017 03:27

Tgt Ion:	82	Resp:	17841
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	0.0	13.4	20.2#

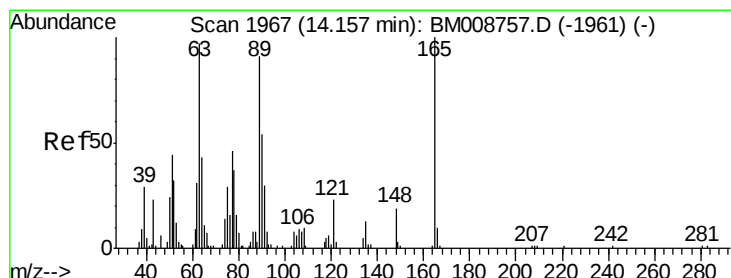
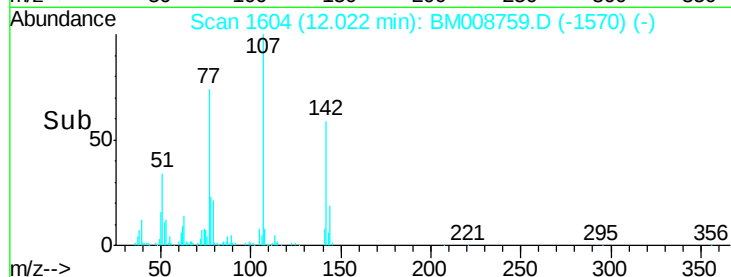
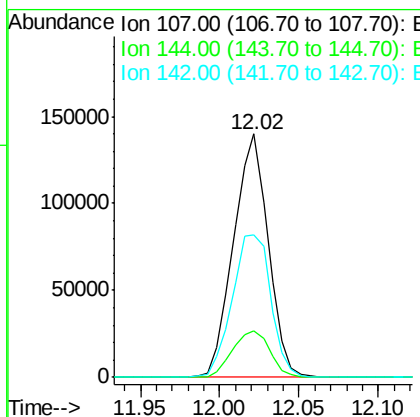
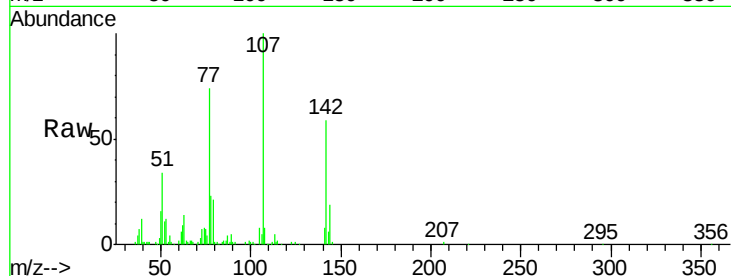




#33
 4-Chloro-3-methylphenol
 Concen: 30.74 ng/ul
 RT: 12.02 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

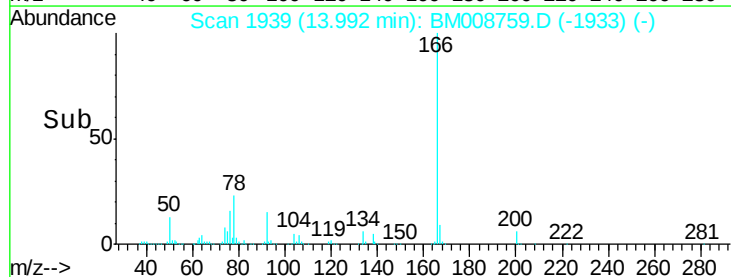
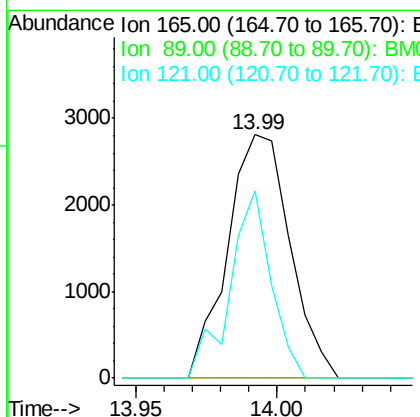
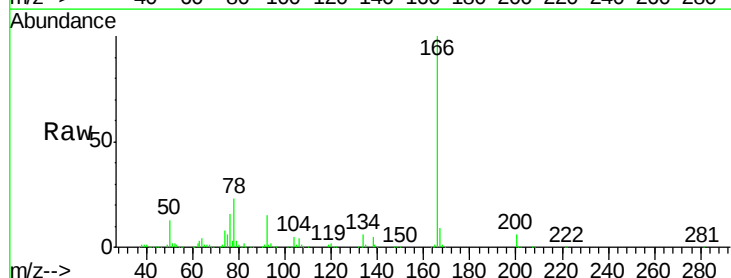
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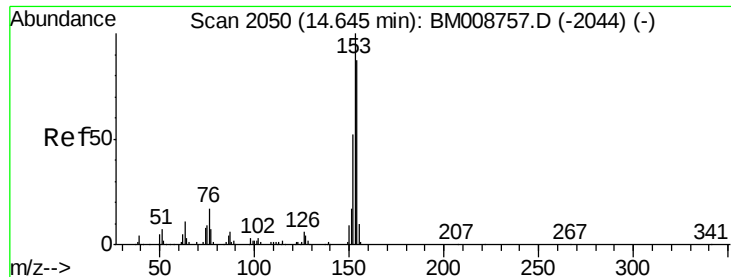
Tgt Ion:107 Resp: 212324
 Ion Ratio Lower Upper
 107 100
 144 18.9 19.4 29.2#
 142 58.7 58.0 87.0



#45
 2,6-Dinitrotoluene
 Concen: 1.29 ng/ul
 RT: 13.99 min Scan# 1939
 Delta R.T. -0.16 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

Tgt Ion:165 Resp: 4327
 Ion Ratio Lower Upper
 165 100
 89 0.0 50.6 76.0#
 121 76.9 18.2 27.2#





#49

Acenaphthene

Concen: 31.45 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Instrument :

BNA_M

ClientSampleId :

DA974MS

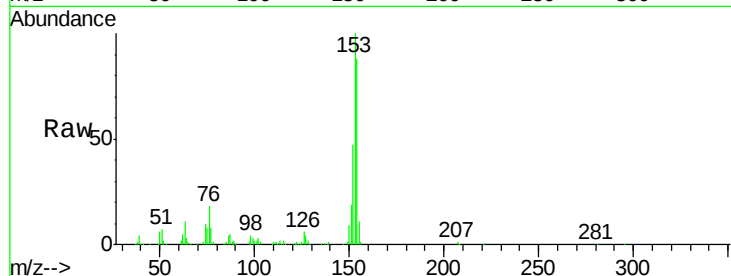
Tgt Ion:153 Resp: 484281

Ion Ratio Lower Upper

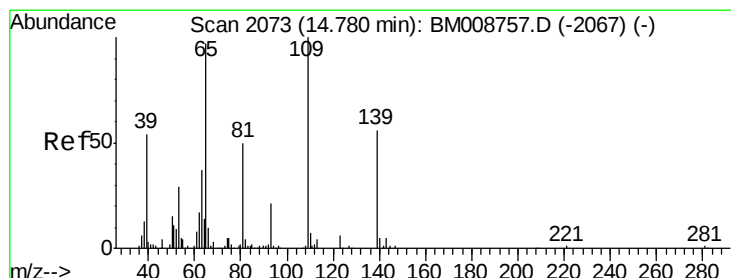
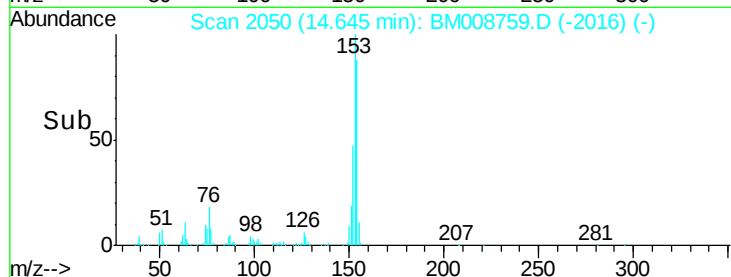
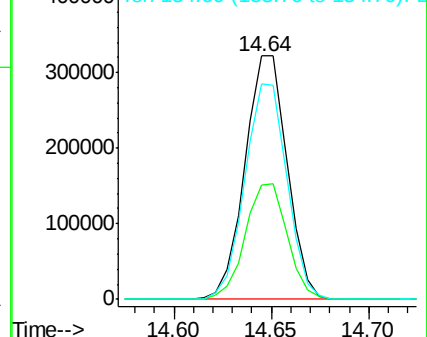
153 100

152 47.2 36.4 54.6

154 88.3 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 12.56 ng/ul

RT: 14.77 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

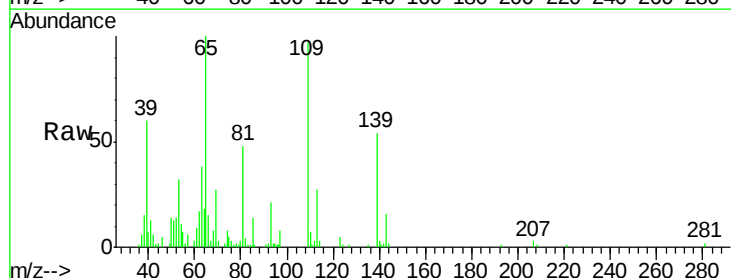
Tgt Ion:109 Resp: 65780

Ion Ratio Lower Upper

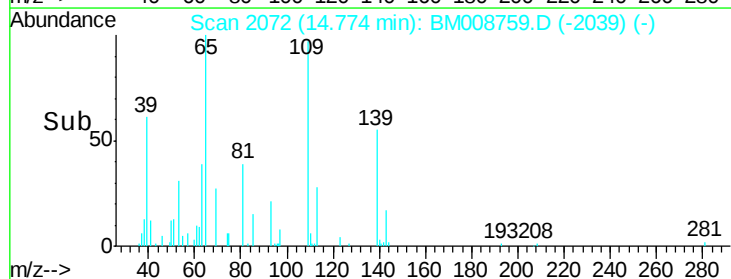
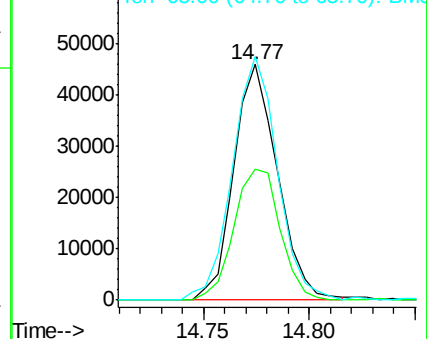
109 100

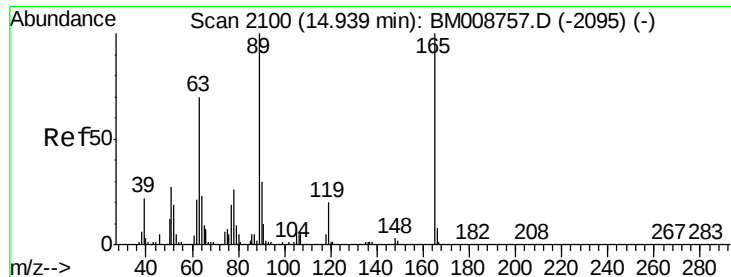
139 55.8 85.4 128.2#

65 103.5 97.7 146.5



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#54

2,4-Dinitrotoluene

Concen: 35.59 ng/ul

RT: 14.94 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

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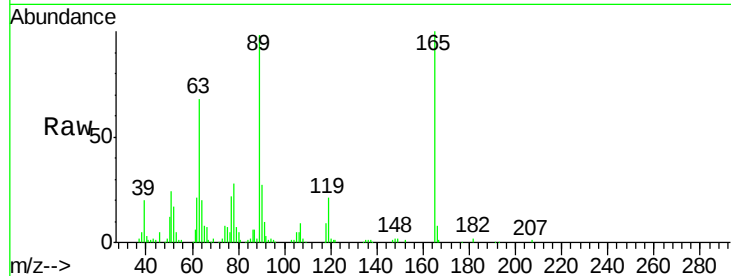
Tgt Ion:165 Resp: 181056

Ion Ratio Lower Upper

165 100

63 68.3 50.6 76.0

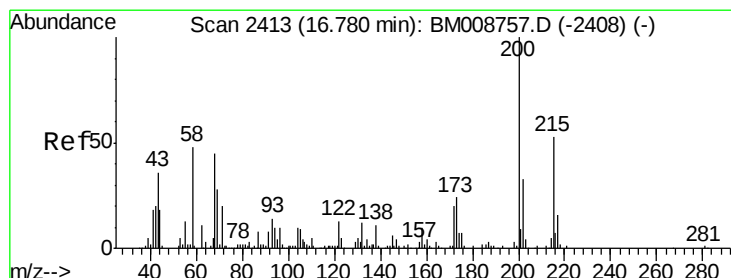
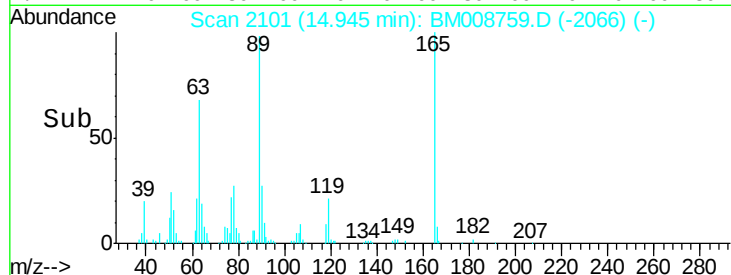
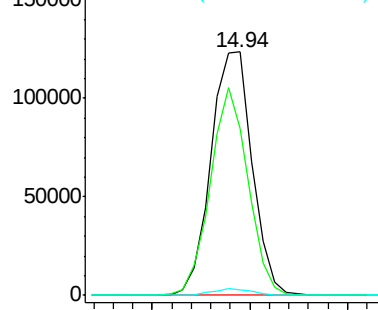
182 2.4 2.7 4.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#67

Atrazine

Concen: 3.28 ng/ul

RT: 16.96 min Scan# 2444

Delta R.T. 0.18 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

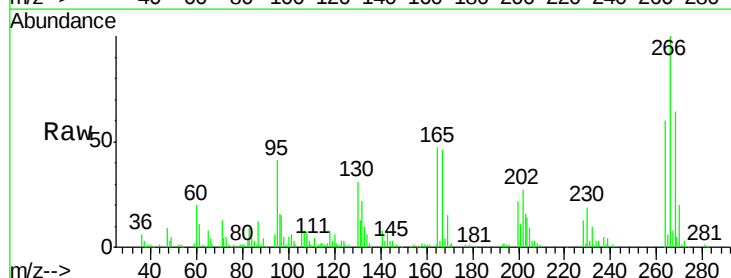
Tgt Ion:200 Resp: 36029

Ion Ratio Lower Upper

200 100

173 0.0 19.6 29.4#

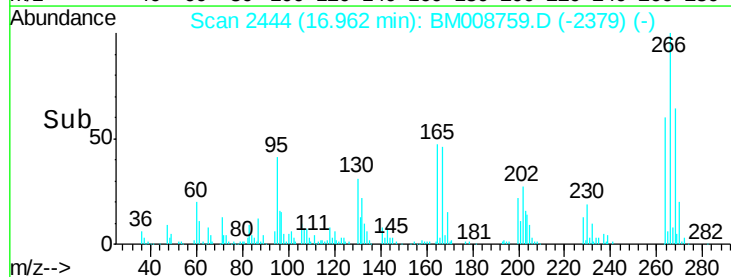
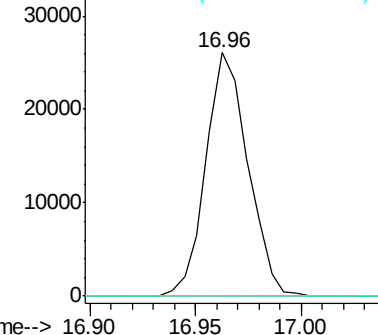
215 0.0 41.0 61.4#

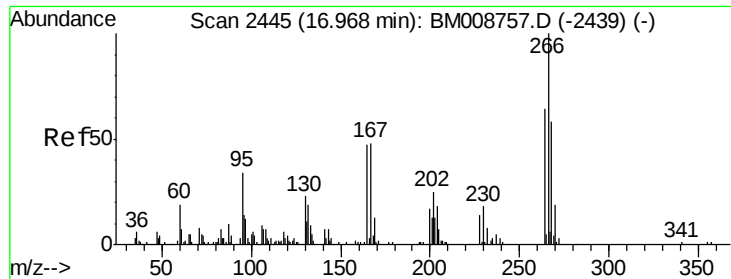


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

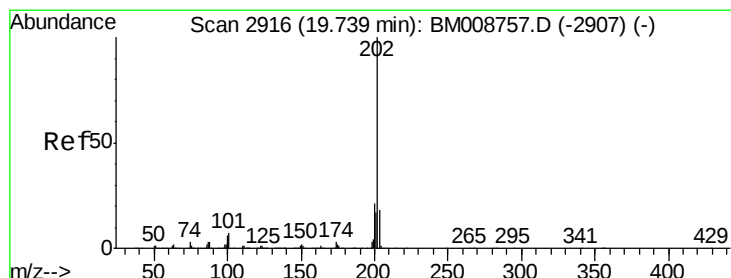
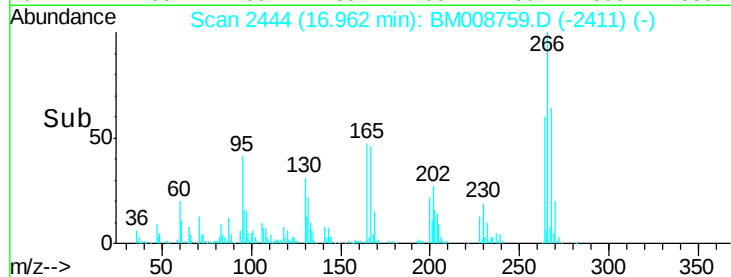
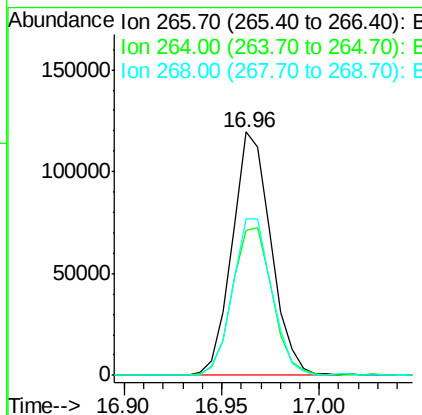
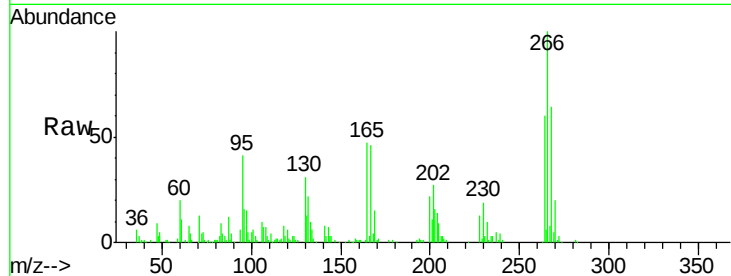




#68
 Pentachlorophenol
 Concen: 22.94 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

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Tgt Ion:266 Resp: 164614
 Ion Ratio Lower Upper
 266 100
 264 59.7 50.6 75.8
 268 64.1 49.1 73.7



#77
 Pyrene
 Concen: 33.61 ng/ul
 RT: 19.74 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

Tgt Ion:202 Resp: 1502851
 Ion Ratio Lower Upper
 202 100
 101 7.5 8.6 12.8#
 100 6.4 6.5 9.7#

